

REMARKS

Claims 1-6 are rejected under 35 U.S.C. 102 (b) as being anticipated by Lin (US Patent 5638258).

Claim 7 is rejected under 35 U.S.C. 103 (a) as being unpatentable over Lin (US Patent 5638258) in view of Lofland (US patent 6625021 B1) et al.

Claims 8-11 and 19 are rejected under 35 U.S.C. 102 (e) as being anticipated by Lofland et al.

Claim 12 is rejected under 35 U.S.C. 103 (a) as being unpatentable over Lofland et al.

Claims 13-15 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Lofland et al. in view of Lin.

Claims 16 and 17 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Lofland et al. in view of Chen et al. (PGPubs US 2003/0218866A1).

In response to these rejections, Applicant has amended independent claim to patentably distinguish it from the cited reference and hereby submits that amended claims 8 and 18 as well as their dependent claims, are now in condition for allowance.

Claim 8. as amended, recites in part:

the heat sink comprising a plurality of fins having a pair of
outmost fins on opposite sides of the heat sink, each outmost
fin having a protrusion extending therefrom; and
a pair of clips pivotably attached to the heat sink for securing the

heat sink to the electronic device, each clip comprising a handle pivotably connected to a corresponding protrusion of an outmost fin and a ring connected to the handle.

In discussing Lofland, the heat sink includes a base plate (10), a spreader plate (20) coupled to heat pipes (30), cooling fins (40), a fan (50), and a latch assembly (96). The latch assembly (96) includes a fan cap (60), wire bails (70), a latch (80), and a projection (18). The bottom of the wire bails (70) are secured under the projections (18) of the base plate (10) while the latch (80) is positioned away from the recess (66). The latch (80) is then rotated about an end piece (62) of the fan cap (60) while the bottom of the wire bail moves upward and engages with the end (32) of the projection (18). The rotation of the latch continues until the bottom portion (64) of the latch fits snugly into the recess (66). The outmost fins (40) do not have a protrusion extending therefrom, and the latch (80) does not pivotably connected to the protrusion of the corresponding outmost fin (40).

Amended independent claim 8 is significantly different from what is described in Lofland. Accordingly, amended independent claim 8 is submitted to be patentable under 35 U.S.C. 102 (e) over the reference cited by Examiner, and withdrawal of the rejections and allowance of the claim 3 are respectfully requested.

Amended claim 9 and claims 10-17 all depend directly or indirectly from claim 8 and, therefore, should also be allowable. Reconsideration and withdrawal of the rejection of claims 8-17 are respectfully requested.

Claim 18, as amended, recites in part:

a heat sink arranged on the electronic device subassembly,

comprising a plurality of fins; and
a pair of clips located on opposite outmost fins of the heat sink for securing the heat sink to the electronic device, each clip comprising a handle moveably located on each outmost fin of the heat sink for connecting the handle to the heat sink, and latching means pivotably attached to an opposite side of the handle for engaging with the electronic device subassembly,

In discussing Lofland, the heat sink includes a base plate (10), a spreader plate (20) coupled to heat pipes (30), cooling fins (40), a fan (50), and a latch assembly (96). Obviously, the pair of latch assembly (96) is not located on opposite outmost fins of the cooling fins (40), and the latch (80) is not moveably located on each outmost fin of the cooling fins (40).

Amended independent claim 18 is significantly different from what is described in Lofland. Accordingly, amended independent claim 18 is submitted to be patentable under 35 U.S.C. 102 (e) over the reference cited by Examiner, and withdrawal of the rejection and allowance of the claim 18 are respectfully requested.

Claim 19 and new claim 20 both depend directly from claim 18 and, therefore, should also be allowable.

In view of the foregoing, the present application as claimed in the pending claims is considered to be in a condition for allowance, and an action to such effect is earnestly solicited.

Respectfully submitted,

Chen Lu Fan et al.

By 

Wei Te Chung

Registration No.: 43.325

Foxconn International, Inc.

P. O. Address: 1650 Memorex Drive, Santa Clara, CA 95050

Tel No.: (408) 919-6137